Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 20 Oct 2023 until 23:59 on Saturday 21 Oct 2023

Forecast Issued on Thursday 19 Oct 2023 at 12:49

Confidence: High for a wet and windy start to the period but an improving picture over the coming days, moderate for detail of rainfall Sunday onwards.

Headline for Friday 20 Oct 2023: Very wet and windy.

Mountain weather hazards on Friday 20 Oct 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
High Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Light rain
Precipitation probability							
60%	70%	80%	80%	80%	80%	80%	70%

Forecast for Friday 20 Oct 2023

Weather: Light rain or scattered showers at first during the early hours but more widespread rain soon arriving from the southeast. This heavy and persisting for much of the day, with limited drier interludes. Rain easing from late evening. Strong winds throughout.

Chance of cloud-free hill tops above 600m: 20%

Low Cloud and visibility: Scattered or broken cloud base 400-600m. Visibility moderate or poor.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Friday 20 Oct 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/21 E	15/24 E	26/39 E	31/45 E	31/46 NE	32/48 NE	33/50 NE	31/47 NE	29/45 NE
300	9/21 E	11/24 E	19/39 E	21/44 E	22/46 NE	23/47 NE	23/48 NE	22/45 NE	21/43 NE
Valley	8/20 E	10/25 E	16/36 E	18/40 E	21/46 E	21/46 E	20/44 NE	18/40 NE	18/39 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	10/7	8/4	7/2	6/0	6/-0	5/-2	5/-1	5/-1
300	13/11	12/10	10/7	9/5	9/5	8/4	7/3	7/3	7/3
Valley	14/12	13/12	12/9	11/8	10/7	10/6	9/5	9/5	9/5
Freezing Level*	2400m	2500m	2400m	2300m	2300m	1600m	1400m	1400m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Be aware of very strong winds, particularly at height, making conditions even more hazardous.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 19 Oct 2023	10.8mm	10.8mm	10.8mm

Forecast for Saturday 21 Oct 2023

Weather: Cloudy with patchy outbreaks of light rain during Saturday morning, then dry and bright for a time during the early afternoon. Heavy showers or more persistent rain arriving from the south mid to late afternoon.

Maximum wind: Northeasterly 25-30 mph gusting 35-45 mph during the early hours becoming light and variable into the afternoon.

Chance of cloud-free hill tops above 600m: 20% at first, improving to 60% around mid-morning, reducing to 20-30% into the evening.

Low Cloud and visibility: Broken cloud base 400-600m at first, becoming few through the middle of the day but further scattered or broken low cloud base 500-700m later in the day in association with rain or showers. Visibility generally good outside of cloud, perhaps reducing to moderate in rain later.

Temperature: **Valleys:** Plus 7 rising to plus 12 Celsius
At 600m: Plus 4 rising to plus 8 Celsius
Freezing level: Above summits

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